

## 1st EXECUTIVE SUMMIT - COST EFFICIENT LIGHTWEIGHTING - EFFICIENT APPLICATIONS FOR AHSS & UHSS 21st - 22nd September, 2021 - PRESENTATIONS

08:30 a.m. - WELCOME - Registration			
08:55 a.m.	Welcome and Introduction to the Event   <b>Christian Kovacs</b> (digicon Academy, Romania)	01:40 p.m.	Getting the Best Profit - Reducing Production Costs in PHS and Hot Forming of Aluminum   <b>Gerald Schulz</b> (FAGOR Arrasate, Mondragon, Spain)
SESSION 1	OEM - Requests, Requirements & Trends	02:00 p.m.	Innovative Coated Rollers for Better OEE in PHS Lines   <b>Luca Valbuzzi</b> (Saint-Gobain, Roedental, Germany)
09:00 a.m.	High Strength Steels for Lightweight Constructions   <b>Franz M. Androsch</b> (voestalpine AG, Linz, Austria)	02:20 p.m.	Flexible Implementation of NDT Devices in Cost Effective Production Processes for Lightweight Components   <b>Christian Conrad</b> (Fraunhofer IZFP, Saarbrücken, Germany)
09:20 a.m.	Cost-Effective Production of Automotive Lightweight Components   <b>Frank Schieck</b> (Fraunhofer IWU, Chemnitz, Germany)	02:40 a.m.	Break
09:40 a.m.	AHSS Applications Guidelines from WorldAutoSteel - Updated, Expanded, and Online   <b>Eren Billur</b> (Billur Metal Form, Ankara, Turkey) & <b>Daniel Schaeffler</b> (Engineering Quality Solutions, MI, USA)	SESSION 4	Engineering & Supporting Processes
10:00 a.m.	Multifunctional Thin Film Sensors and Examples for Industrial Applications   <b>Anna Schott</b> (Fraunhofer IST, Braunschweig, Germany)	03:00 p.m.	Robust Machine Vision Systems for Thermal & Visible Inspections   <b>Michael Selent</b> (SELMATEC, Scharnebeck, Germany)
10:20 a.m.	Identifying Risks and Opportunities beyond the obvious for OEMs and N-tier Suppliers in the Era of Automotive Disruption   <b>Georgios Georgiadis</b> (Excelix, Limassol, Cyprus) & <b>Bernd Santel</b> (intuitive.ai, Hamburg, Germany)	03:20 p.m.	Dynamic Process Control for Quality Assurance   <b>Hannes Feuerhuber</b> (weba, Dietach/A) & <b>Fritz Ebner</b> (Meprotec, Machtrenk/A)
10:40 a.m.	Break	03:40 p.m.	Fronius Prototyping-Center – From Feasibility Study to Pre-Series Welding   <b>Wolfgang Scherleitner</b> (Fronius International GmbH, Wels, Austria)
SESSION 2	New Materials	04:00 p.m.	Lightweight by Laser - Innovative Cutting- and Joining Processes   <b>Daniel Minh Maier</b> (Trumpf Laser, Ditzingen, Germany)
11:00 a.m.	EBNER Hotstamping with TTP-Technology   <b>Johannes Pfeifer</b> (EBNER Industrieofenbau GmbH, Leonding, Austria)	04:20 a.m.	Break
11:20 a.m.	New Material Concepts for PHS Applications   <b>Thomas Kurz</b> & <b>Christian Rouet</b> (voestalpine Stahl R&D, Linz, Austria)	SESSION 5	Parts & Production
11:40 a.m.	An overall comparison of PHS, Gen3 and Aluminum   <b>Eren Billur</b> (Billur Metal Form, Ankara, Turkey)	04:40 p.m.	Car Parts Manufacturing “Made by voestalpine“   <b>Florian Gerstner</b> (voestalpine, Schw. Gmünd, Germany)
12:00 p.m.	Lunch Break	05:00 p.m.	GES-MULTISTEP - Development of the Multistep Hotstamping process   <b>Oliver Straube</b> & <b>Manuel Lopez</b> (Speaker), (Gestamp R&D Abrera, Spain and Ludwigsfelde, Germany)
SESSION 3	Equipment & Machinery	05:20 p.m.	Lightweight Design of Rollformed Components for Battery Packs, Truck & Trailer Applications and Agricultural Machines   <b>Florian Mayer</b> (voestalpine Krems, Krems/A)
01:20 p.m.	Highly Flexible Horizontal Continuous Annealing Line for AHSS & UHSS   <b>Marius Kreuzeder</b> (EBNER Industrieofenbau GmbH, Leonding, Austria)	05:40 p.m.	SUMMARY   End of Event & Networking

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<b>SECOND DAY</b>			
		<b>Location 1</b> voestalpine PHS, Linz	<b>Location 2</b> EBNER Leonding
08.00 a.m.	Welcome to the 2nd Day voestalpine, Gästehaus, 1st Floor	<b>BOTH GROUPS</b>	
08.30 a.m.	Departure Tour 1	GROUP 1	GROUP 2
10.15 a.m.	Departure Tour 2	GROUP 2	GROUP 1
12.00 p.m.	Lunch Break / Farewell voestalpine Gästehaus, 1st Floor	<b>BOTH GROUPS</b>	
13.30 p.m.	Freely selectable exposition tour at Fronius International	<b>CHECK OUT THE NEWEST &amp; MOST EXCLUSIVE PROTOTYPING CENTRE Fronius International, Froniusplatz 1, 4600 Wels, Austria</b>	

<b>WHAT WILL BE SHOWN</b>	
<b>Location 1</b> voestalpine PHS, Linz	<b>Location 2</b> EBNER Leonding
Presentations on a video-wall in voestalpine Gästehaus, 1st Floor R&D Simulators from voestalpine --- Press Hardening Simulator (WUSim) --- Annealing Simulator (Multipas)	EBNER HotForm & ITL Hot Forming of Aluminum Blanks --- Press-Retrofit --- TTP-PACC-Simulation PHS --- Non-Contact Temperature Measurement on Metallic Surfaces --- 3-MA Measurements on Steel Structural Components --- SimCAL Test
voestalpine Stahl	EBNER Impression Technologies Ltd Selmatec Fraunhofer IZFP TECHAdvision Fagor